



California Crop Weather

Cooperating with the California Department of Food and Agriculture
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FREQUENCY: Weekly
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WEATHER

A dry and warm pattern settled across the State through the first half of the week, before a storm system brought rains for most of the State. Temperatures were near seasonal levels with mild overnight lows in the mountains. Lows were 20s to 40s in the mountains, 40s and 50s along the coast and in the valley regions, and 40s to 60s in the desert. The mild overnight lows in the mountains prevented any significant snowfall events in the mountains. Highs were 40s to 60s in the mountains, 60s to 70s along the coast, and in the valley, and 70s to 90s in the desert areas.

Dry conditions prevailed statewide on Monday and Tuesday. Wednesday brought light showers to the immediate northwest coast and northern Sierras near Alturas. Thursday through Sunday saw rains that soaked the northern third of the state each day with anywhere from half an inch to 3 inches of rainfall daily. A few northern coastal locations exceeded 5 inches of rainfall on one or more days. Areas in the central valley north of Fresno received up to half an inch of rain. On Saturday, rains extended as far south as Bakersfield, but amounts were light. Areas of the state south of Bakersfield missed the rains, as no measurable rainfall were noted. Warm overnight lows kept this a rain event in the mountains, so no new accumulating snowfall to note.

FIELD CROPS

Rice harvest was 72 percent completed. Most of the remaining **corn** and summer grains were being chopped and fields prepped for fall and winter crops. Suppliers were receiving large amounts of wheat seed for planting. **Cotton** continued to be harvested. **Alfalfa** was being irrigated, cut, and baled. Some **sorghum** was still being processed into silage.

FRUIT CROPS

Late season **peach** and **plum** harvest drew to a close just before the first fall rain. Topping and pruning continued in harvested stone fruit orchards. **Apple** harvest was ramping up with the cool fall temperatures. Harvest continued for **Olive**, **persimmon**, and **pomegranate**. Late wine **grape** varieties were harvested as table and juice grape harvest was nearing completion. Dried raisin grapes were rolled and picked up, while some still remained to dry in the vineyards. Old vineyards were pulled for replanting new varieties or tree crops such as almonds, pistachio, and walnuts. Pruning was ongoing in some harvested vineyards. Harvest of **lemons** and **limes** continued. Navel oranges were to developing well with some early harvesting. Citrus orchards were irrigated and nutrient foliar sprays were ongoing.

NUT CROPS

The **almond** harvest was winding down for the year. Staged gypsum and potash were applied to almond orchards where harvest was complete. Pruning began in some almond orchards. The second shake of **pistachio** continued. **Walnut** harvest was in full swing.

VEGETABLE CROPS

Late summer vegetable harvest was winding down for **tomato**, **bell** and **chili peppers**, **kale**, **spinach**, **cucumber**, **carrots**, **garlic**, **onions**, **shallots**, **Swiss chard**, **eggplant**, and **Italian squash**. **Lettuce** for seed, **sweet corn**, **cantaloupe**, **honey dew**, and **watermelon** harvest were done for the season. Thinning and weeding of lettuce continued. **Beet**, **turnip**, **pumpkin**, and **winter squash** harvest was underway. Field preparations including mulching and pre-irrigation were ongoing for fall and winter vegetable planting. Some **strawberry** growers were preparing fields and replanting for the fall. Carrots were cultivated, irrigated, and fungicides applied. **Broccoli** for seed planting was nearly complete in Fresno County.

LIVESTOCK

Foothill range and non-irrigated pasture continued to be in poor to very poor condition. Irrigated pasture was in good condition where water was available. The first rains of the season are anticipated to promote noticeable grass growth in a few weeks. Supplemental feeding of cattle continued. Movement of livestock down from higher range began. Fall calving season has commenced. Sheep grazed on alfalfa, retired cropland and recently harvested vegetable and melon fields. Supplemental feeding of bees continued.

CALIFORNIA CROP WEATHER – WEEK ENDING 10/16/2016											
STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 60°F BASE		RAIN DAYS	PRECIPITATION 1/			
	Average Week Ending 10/16/2016	Departure from Normal 2/	High	Low	This Year	Normal Year 2/	This Season	This Week	This Season	Normal Season 2/	Normal Year 2/
					January 1 - 10/16/2016	January 1 - 10/16/2016	July 1 - 10/16/2016	Week Ending 10/16/2016	July 1 - 10/16/2016	July 1 - 10/16/2016	July 1 - June 30
North Coast	- - Degrees Fahrenheit - -				- - Number - -		-- Days 3/ - -	- - Inches of Precipitation - -			
Eureka WFO	58	4	67	50	32	73	13	3.92	4.81	2.29	38.10
Ukiah	62	1	87	45	1899	1461	6	2.08	2.40	1.58	38.90
Santa Rosa	61	-4	83	42	1167	1097	5	1.30	1.57	1.33	31.01
Napa State Hospital	61	-3	76	48	1343	1181	5	1.31	1.65	1.07	26.46
Central Coast											
San Francisco	64	3	72	52	794	537	2	1.27	1.27	0.67	20.11
San Jose	66	2	84	51	1698	1556	1	0.28	0.28	0.72	15.08
Salinas	62	0	81	46	601	593	1	0.16	0.16	0.53	12.91
Monterey	61	1	75	47	302	296	2	1.33	1.33	0.87	20.35
King City Ag	63	-1	80	44	1318	1268	1	0.04	0.04	0.52	12.30
Paso Robles	63	-1	83	40	1957	1666	2	0.06	0.06	0.64	13.08
Sacramento Valley											
Redding	66	2	87	47	3243	2485	5	2.76	3.14	1.65	33.52
Red Bluff	66	0	87	49	3159	2698	5	0.80	1.16	1.48	24.07
Willows 6W	64	-2	88	49	2488	2100	3	1.39	1.39	0.85	19.03
Oroville	67	3	88	51	2906	2191	3	0.71	0.71	1.29	28.75
Marysville	66	-1	88	46	2584	2517	3	0.61	0.61	1.02	22.07
Sacramento	66	1	88	51	2350	2029	3	1.94	1.96	0.80	17.93
San Joaquin Valley											
Stockton	67	2	90	48	2474	2286	5	0.93	1.01	0.77	13.84
Modesto	70	4	89	52	3101	2415	2	0.21	0.21	0.69	13.12
Merced Macready	68	4	89	47	2657	2399	1	0.07	0.07	0.53	12.50
Madera	69	4	90	47	2867	2526	0	0.00	0.00	0.58	11.94
Fresno	70	5	91	53	3459	2749	0	0.00	0.00	0.57	11.23
Lemoore NAS	69	4	92	49	3046	2463	1	0.10	0.10	0.50	7.89
Visalia	68	3	90	49	2971	2506	0	0.00	0.00	0.56	11.03
Bakersfield	72	4	91	56	3890	3103	0	0.00	0.00	0.39	6.49
Cascade Sierra											
Alturas	53	5	75	27	672	451	10	0.55	0.78	1.66	12.13
Mount Shasta	54	3	76	36	1086	510	6	4.00	4.32	2.53	39.16
Blue Canyon	53	-3	68	39	1140	692	6	7.79	8.40	3.71	66.36
Yosemite Valley	57	-2	78	42	1736	1277	3	2.14	2.15	2.56	37.73
South Coast											
Santa Maria	61	0	72	45	686	597	2	0.08	0.08	0.56	14.01
Santa Barbara	61	-4	73	47	951	1135	1	0.00	0.01	0.77	16.93
Oxnard NWS	64	0	73	51	1469	1003	0	0.00	0.00	0.60	15.62
Riverside	70	1	93	54	3355	2700	0	0.00	0.00	0.60	10.22
Los Angeles	66	-2	76	58	1808	1618	1	0.00	0.01	0.59	13.15
San Diego	70	3	81	62	2224	1909	3	0.00	0.32	0.49	10.77
Southeast Interior											
Bishop	65	8	87	39	2160	1770	0	0.00	0.00	0.65	5.02
Daggett	74	6	93	54	4488	3780	0	0.00	0.00	1.33	4.17
Lancaster ATC	69	7	87	43	3130	2479	0	0.00	0.00	0.60	7.40
Thermal	77	4	97	54	5471	4930	3	0.00	0.29	1.09	3.53
Blythe	80	6	97	62	5990	5143	3	0.00	0.51	1.65	4.02
Imperial CA	80	5	99	60	5962	4918	2	0.00	0.21	0.95	2.96

1/ Precipitation (rain or melted snow/ice).

2/ Normal periods 1970-2000 used in Departure From Normal calculations.

3/ Total number of days with precipitation events this season.

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